



THE IEEE NORTH JERSEY SECTION NEWSLETTER

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APRIL 2018

Calendar of Events

April 3	5:30 PM to 8:00 PM	MTT/AP ED/CAS	Automotive Radar – A Signal Processing Perspective on Current	Dr. Markus Gardill
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Ajay Poddar Anisha Apte	akpoddar@ieee.org anisha_apte@ieee.org	Edip Niver Durga Misra	
April 4	6:00 PM to 9:00 PM	IEEE North Jersey Section	IEEE North Jersey Section EXCOM meeting - Newark, NJ	Kalyan Mondal
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Kalyan Mondal			
April 5	5:30 PM to 8:00 PM	MTT/AP ED/CAS/SIGHT	Antenna and Transmission Lines for Wearable Systems	Prof. Ignacio Gil
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Ajay Poddar Anisha Apte	akpoddar@ieee.org anisha_apte@ieee.org	Edip Niver Durga Misra	
April 9	10:00 AM to 12:00 PM	MTT/AP ED/CAS/SIGHT	Integration of High-k Gate Dielectrics with 2D Materials for Next Generation Logic and Memory Applications	Dr. K. L. Ganapathi
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Ajay Poddar Anisha Apte	akpoddar@ieee.org anisha_apte@ieee.org	Edip Niver Durga Misra	
April 11	1:30 AM to 2:30 PM	SP	DECREE Operating System	Dr. Lok Yan
Location:	FDU Metropolitan Campus, 960, River Rd, Teaneck, NJ 07666,			Getting to FDU Metropoliatan Campus
Contact:	Alfredo Tan Howard Leach	tan@fdu.edu h.leach@ieee.org	Hong Zhao	
April 26	6:30 PM to 9:00 PM	ComSoc/VT	Wireless Communication for Emergencies	Dr. Yi Qian
Location:	Maloney's Pub and Grill, 119, Main Street, Matawan, NJ 07747,			Getting to Maloney's Pub & Grill
Contact:	Amit Patel			

April 27	9:00 AM to 2:00 PM	PES/IES/LM	Digital Fault Recorders - Past, Present & Future	Sal Cardella
Location:	Auditorium, 4000 Hadley Road, South Plainfield, NJ 07080			Getting to PSE&G South Plainfield
Contact:	Ken Oexle		koexle@ieee.org	
May 6	3:00 PM to 6:00 PM	IEEE North Jersey Section	IEEE North Jersey Section Awards Banquet - 2018	Kalyan Mondal
Location:	Birchwood Manor, 111 North Jefferson Road, Whippany, NJ			Getting to Birchwood Manor
Contact:	Kalyan Mondal Adriaan J. van Wijngaarden Ken Oexle		k.mondal@ieee.org avw@ieee.org k.oexle@ieee.org	
May 11	5:30 PM to 8:00 PM	MTT/AP ED/CAS/SIGHT	Transistor Evolution: From MOSFET to Tunnel-FET	Prof. Dr. Joao Antonio Martino
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Ajay Poddar Anisha Apte	akpoddar@ieee.org anisha_apte@ieee.org	Edip Niver Durga Misra	

• IEEE NORTH JERSEY SECTION – Short Courses

Mar 10 - Apr 28	9:00 AM to 12:00 NOON	Education Committee / NJIT	Big Data Market Research in Seven Saturdays Seven weekly classes (March 10, 24, 31, April 7, 14, 21, 28, 2018)	Donald Hsu
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Donald Hsu		yanyou@hotmail.com	
Mar 10 - Apr 28	12:00 PM to 3:00 PM	Education Committee / NJIT	Project Risk Management in Seven Saturdays Seven weekly classes (March 10, 24, 31, April 7, 14, 21, 28, 2018)	Donald Hsu
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Donald Hsu		yanyou@hotmail.com	
April 14 – May 5	9:00 AM to 12:00 PM	IEEE North Jersey Section	Artificial Neural Networks with Python	Manan Shah
Location:	FDU Metropolitan Campus, 960, River Rd, Teaneck, NJ 07666,			Getting to FDU Metropolitan Campus
Contact:	Manan Shah		MananShah@ThinkPlanDoLLC.com	

IEEE – IMPORTANT EVENTS, ARTICLES, ANNOUNCEMENTS AND REMINDERS:

- [This Month's Communications Society News from Around the World](#)
- ["TV, Dad and Me" - An article by Harry Roman](#)
- ["Thinking about Becoming a Technical Sales Engineer? The Basics" - An Article by Russell Pepe](#)
- [NJ Makers Day – March 10, 2018](#)

Oradell Public Library arranged for a New Jersey Makers Day with about 20 different tables where various items were being taught and shown with interactive basis for children anywhere from 4 years to teenagers. IEEE Pre-College group was invited and we worked with building an LED Flashlight project. I and Richard Tax “manned” the table. The components were procured from a British company. This project was earlier done at New York Makers Day.

The children were very much into the building of the handy torch and got a real kick out of making something simple. The experience for both Richard and me was pretty refreshing and inspirational. Lot of adults got to know about IEEE. In fact, the nearby town of Ridgewood has already invited us to participate in their “Science Saturday” which they have been doing for past 31 years.



For up to date information, visit our website: [IEEE North Jersey Section](#). You do not have to be an IEEE member to attend any event. The Section Executive Committee roster is at: <http://sites.ieee.org/northjersey/org/> Prior registration is encouraged and appreciated.